UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/567,129	02/01/2006	Fred Fu-Yiu Law	1209/201	8830

26588   7590   02/25/2009

LIU & LIU
444 S. FLOWER STREET SUITE 1750
LOS ANGELES, CA 90071

EXAMINER
VU, MICHAEL T

ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
02/25/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _01 February 2006_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-14_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-14_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _02/01/2006_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All   b)☐ Some * c)☐ None of:

      1.☒ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Priority

1.   Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which

papers have been placed of record in the file.

Information Disclosure Statement

2.   The information disclosure statement (IDS) submitted on 09/06/06 and 03/03/06

is in compliance with the provisions of 37 CFR 1.97. Accordingly, the examiner is

considering the information disclosure statement.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Overtoom (US 2002/0161844) in view of Eckerl (US 2004/0200896).

        Regarding Claims 1, 7, 8 and 9, Overtoom teaches a process for bi-directionally

transferring data between a mobile phone [0004] and a computing device [0004],

comprising selecting between an uploading mode and a downloading mode [0026]; if

the downloading mode is selected [0021-0024], firstly downloading a first data from the

mobile phone to an intermediate device under a first master-slave protocol [0021-0024],

wherein the intermediate device (Peer-to-Peer/Router Device) herein acts as a master

device under the first master-slave protocol [0021-0024]; and secondly transmitting the

first data from the intermediate device to the computing device under a second master-

slave protocol [0021-0024], wherein the intermediate device herein acts as a slave

device under the second master-slave protocol [0021-0024]; and

But Overtoom does not clearly teach if the uploading mode is selected, firstly

transmitting a second data from the computing device to the intermediate device under

the second master-slave protocol, wherein the intermediate device herein acts as a

slave device under the second master-slave protocol; and secondly uploading the

second data from the intermediate device to the mobile under the first master-slave

protocol, wherein the intermediate device herein acts as a master device under the first

master-slave protocol.

However, Echerl teaches if the uploading mode is selected [0001-0011], firstly

transmitting a second data from the computing device to the intermediate device under

the second master-slave protocol [0064-0066], wherein the intermediate device herein

acts as a slave device under the second master-slave protocol [0064-0066]; and

secondly uploading the second data from the intermediate device to the mobile under

the first master-slave protocol [0064-0066], wherein the intermediate device herein acts

as a master device under the first master-slave protocol (See Figure #2, Computer

Device #202, Intermediate Devices #100, #200, and Wireless Devices, PDA #206,

Phone #208, Laptop #210), and (see [0034-0040, 0064-0066]).

Therefore, it would have been obvious to one of ordinary skill in the art at the

time the invention was made to modify Overtoom, with Echerl's teaching, in order to

allow more convenient bidirectional data wireless transfer between plurality devices

such as transfer between a mobile phone and a computer device and vice versa etc.

Regarding Claim 2, Overtoom and Echerl teach the process of claim 1, further

comprising prior to downloading the first data from the mobile phone to the intermediate

device [0005-0008], performing a security check step for verifying the mobile phone

[0016-0018] all of Echerl.

Regarding Claim 3, the combination of Overtoom and Echerl teach the process

of claim 2, further comprising prior to uploading the second data from the intermediate

device to the mobile phone [0005-0008], performing the security check step for verifying

the mobile phone [0016-0018] all of Echerl.

Regarding Claim 4, the combination of Overtoom and Echerl teach the process

of claim 2, wherein the security check step includes pre-registering in the intermediate

device an identification token of the mobile phone [0016-0018] all of Echerl.

Regarding Claim 5, the combination of Overtoom and Echerl teach the process

of claim 2, wherein the security check step includes downloading a mobile phone serial

number from the mobile device to the intermediate device [0024-0030]; and comparing

the downloaded mobile phone serial number with a pre-registered mobile phone serial

number stored in the intermediate device for security check (See Router, [0024-0030])
all of Overtoom.

Regarding Claim 6, Overtoom and Echerl teach the process of claim 1, further
comprising prior to uploading the second data from the intermediate device to the
mobile phone [0005-0008], converting the second data to a format suitable for receipt
by the mobile device [0005-0008], [0016-0018] all of Echerl.

Regarding Claim 10, Overtoom and Echerl teach the process of claim 9,
wherein the first and second protocols are different master-slave protocols (See Router,
[0024-0030]) all of Overtoom.

Regarding Claim 11, Echerl teaches an intermediate device (Figure #2,
Intermediate devices #100 and #200) for assisting bidirectional data transfer between a
mobile phone (Figure #2, Wireless Devices, PDA #206, Phone #208, Laptop #210) and
a computing device (Computer Device #202, comprising a mobile phone interface for
connecting to the mobile phone (See Fig. #2, Computer Device #202, Intermediate
Devices #100, #200, and Wireless Devices, PDA #206, Phone #208, Laptop #210), and
([0034-0040, 0064-0066]); a computing device interface for connecting to the computing
device [0034-0044]; a controller for controlling data flow through the mobile phone
interface and the computing device interface [0033-0038, 0040-0045]; and

But Echerl does not clearly teach a user interface for allowing a user to select
the intermediate device to work in an uploading mode **or** a downloading mode, wherein
if the uploading mode is selected, the controller controls to receive a second data from

the computing device to the intermediate device through the computing device interface

under a second protocol , and wherein the controller further controls to upload the

second data from the intermediate device to the mobile through the mobile phone

interface under a first protocol.

However, Overtoom teaches a user interface for allowing a user to select the

intermediate device to work in an uploading mode **or** a downloading mode (Figure #4,

[0023-00024]), wherein if the uploading mode is selected [0021-0024], the controller

controls to receive a second data from the computing device to the intermediate device

through the computing device interface under a second protocol [0021-0024], and

wherein the controller further controls to upload the second data from the intermediate

device to the mobile through the mobile phone interface under a first protocol [0021-

0024].

Therefore, it would have been obvious to one of ordinary skill in the art at the

time the invention was made to modify Echerl, with Overtoom's teaching, in order to

allow more convenient bidirectional data wireless transfer between plurality devices

such as transfer between a mobile phone and a computer device and vice versa etc

Regarding Claim 12, Echerl and Overtoom teach the intermediate device of

claim 11, wherein if the downloading mode is selected [0005-0008], the controller

controls to download a first data from the mobile device to the intermediate device

through the mobile device interface under the first protocol [0005-0008, 0044-0045], and

wherein the controller further controls to send the first data from the intermediate device

to the computing device through the computing interface under the second protocol

[0016-0018, 0044-0045] all of Echerl.

Regarding Claim 13, the combination of Echerl and Overtoom teach the

intermediate device of claim 12, wherein the first and the second protocols are master-

slave protocols [0005-0008], and wherein the intermediate device acts as a master

device under the first protocol [0005-0008], but acts as a slave device under the second

protocol [0016-0018] all of Echerl.

Regarding Claim 14, Echerl and Overtoom teach the intermediate device of

claim 11, further comprising a converter controlled by the controller for converting the

second data retrieved from the computing device to a format suitable for receipt by the

mobile device prior to uploading to the mobile device [0016-0018, 0044-0045] all of

Echerl.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to MICHAEL T. VU whose telephone number is (571)272-

8131. The examiner can normally be reached on 8:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Charles N. Appiah can be reached on 571-272-7904. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MICHAEL T VU/
Examiner, Art Unit 2617

/Charles N. Appiah/
Supervisory Patent Examiner, Art Unit 2617